



## Top Floor CM 3-10

### Product Description

It is a high-strength, normal-setting, cement-based, self-leveling underlayment, for use over interior concrete, plywood and other approved floor surfaces. The product convenient and easy to use. Once cured, it provides a smooth, level surface on which to install a variety of floor coverings. This normal setting underlayment can be applied up to 10 mm thick in one pour and seeks its own level in hours.

### Product uses:

- For leveling residential and commercial, interior floors, prior to the installation of resilient flooring.
- Can be used on concrete that is sound, has cured for a minimum of 28 days and is free from hydrostatic pressure; exterior-grade plywood; ceramic tile
- It used as floor coverings: ceramic tile and natural stone; engineered or natural hard wood; carpet; vinyl; laminate
- With the aim of leveling of uneven grounds
- Used in health care facilities, shopping centers, hotels.

### Properties

- Very flow able; easy to apply.
- Ready-to-use; just add water.
- Seeks its own level condition and flattens interior floors.
- Ready for ceramic tile or stone in 24 hours.
- Can be used in conjunction with radiant floor heating systems.
- Can be applied in a thickness between 3-10 mm

### TECHNICAL PROPERTIES

<i>Appearance/Color</i>	Matt / Gray
<i>Consistency:</i>	contains Mineral Fillers, Polymer Reinforced Cement.
<i>Compressive strength:</i>	>15 N/mm <sup>2</sup> ( 28 days )
<i>Adhesion Strength:</i>	>1.0 N/mm <sup>2</sup> ( 28 days )
<i>Application Thickness:</i>	min. 1 mm max. 10 mm (3-10 mm for the grounds exposed to heavy pedestrian traffic)
<i>Application temperature:</i>	+5° to +30° [C] / +41°to +86° [F]
<i>Duration Of Use:</i>	30 min. (+ 20°C) (pot life)
<i>Full Curing Time:</i>	28 days (+ 20°C)
<i>Walk-on Duration:</i>	12 hours
<i>Consumption:</i>	For 1 mm thickness, 1.7-1.8 kg/m <sup>2</sup> (powder product)
<i>Application on:</i>	min. 3 days (+ 20° C)
<i>Mixture Density:</i>	2 gr/cm <sup>3</sup>
<i>Mixing ratios:</i>	For 25 kg Bag: 4, 5 - 5.25 liters of water

### Application Details

<i>Application method:</i>	Metal Trowel
<i>Cleaning of tools:</i>	Fresh water
<i>Packing:</i>	25 kg Powder



## **Surface Preparation**

The surface should be considered to be solid, load bearing, dust-free and clean. The substance residues which reduce adherence such as oil, grease, rust and paraffin should be cleaned; there should be no loose parts. Defects on the surface should be repaired. Air flow should be prevented in the area where the application will be made. In the large areas, the carrelage should be done to prevent the level difference and the application elevations should be determined.

## **Mixing**

The appropriate amount of water is emptied in a clean mixing bucket. By adding the material into the mixing bucket, it should be mixed with the help of a low-speed mixer for at least 3-4 minutes until a homogeneous mixture is obtained. After letting it rest for about 4 minutes, it is mixed again for 30 seconds to make it ready to use.

## **Application**

*Prepared mortar spreads spontaneously. The thickness of the material is set with a notched trowel. During setting, water should not be added; the air at the surface should be taken with a spiked roller. Sudden temperature changes that may occur in the application environment must be prevented. In the areas exposed to the sun and wind effects, application should not be carried out.*

## **PRECEDING COAT:**

*Concentrated Sealer*

## **Important Remarks:**

- The product is appropriate for application in +5 °C +30 °C temperature conditions. If the temperature does not fit the specified values, wait until it does.
- The material should be prepared in an amount that it can be used and consumed in 30 minutes.
- Do not use in roof and terrace insulation.
- Before the application of the last layer on the material, wait at least a week.
- Do not apply on surfaces which are frozen, melting or under the risk of rain and frost in 24 hours.

## **Shelf life & Storage:**

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

## **Safety:**

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.



**Legal Notice:**

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